Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091517\
Data File : BG028786.D
Acq On : 16 Sep 2017 4:42
Operator : SJ/JU
Sample : I5187-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 20170602-COMP-C

Quant Time: Sep 16 06:38:23 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 16:57:11 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	27335	20.00	ng	-0.04
21) Naphthalene-d8	11.11	136	107974	20.00	ng	-0.04
38) Acenaphthene-d10	14.91	164	84874	20.00	ng	-0.04
63) Phenanthrene-d10	17.66	188	242077	20.00	ng	-0.04
75) Chrysene-d12	21.98	240	275360	20.00	ng	-0.05
86) Perylene-d12	25.46	264	282165	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.86	112	203507	122.84	ng	-0.05
7) Phenol-d6	7.44	99	272294	109.17	ng	-0.05
23) Nitrobenzene-d5	9.46	82	170760	75.65	ng	-0.05
41) 2,4,6-Tribromophenol	16.40	330	180227	128.39	ng	-0.04
44) 2-Fluorobiphenyl	13.53	172	427866	67.22	ng	-0.04
78) Terphenyl-d14	20.25	244	840447	65.09	ng	-0.03
Target Compounds						Qvalue
10) Phenol	7.47	94	6751	2.565	ng	# 59
49) Dimethylphthalate	14.35	163	48839	6.862	ng	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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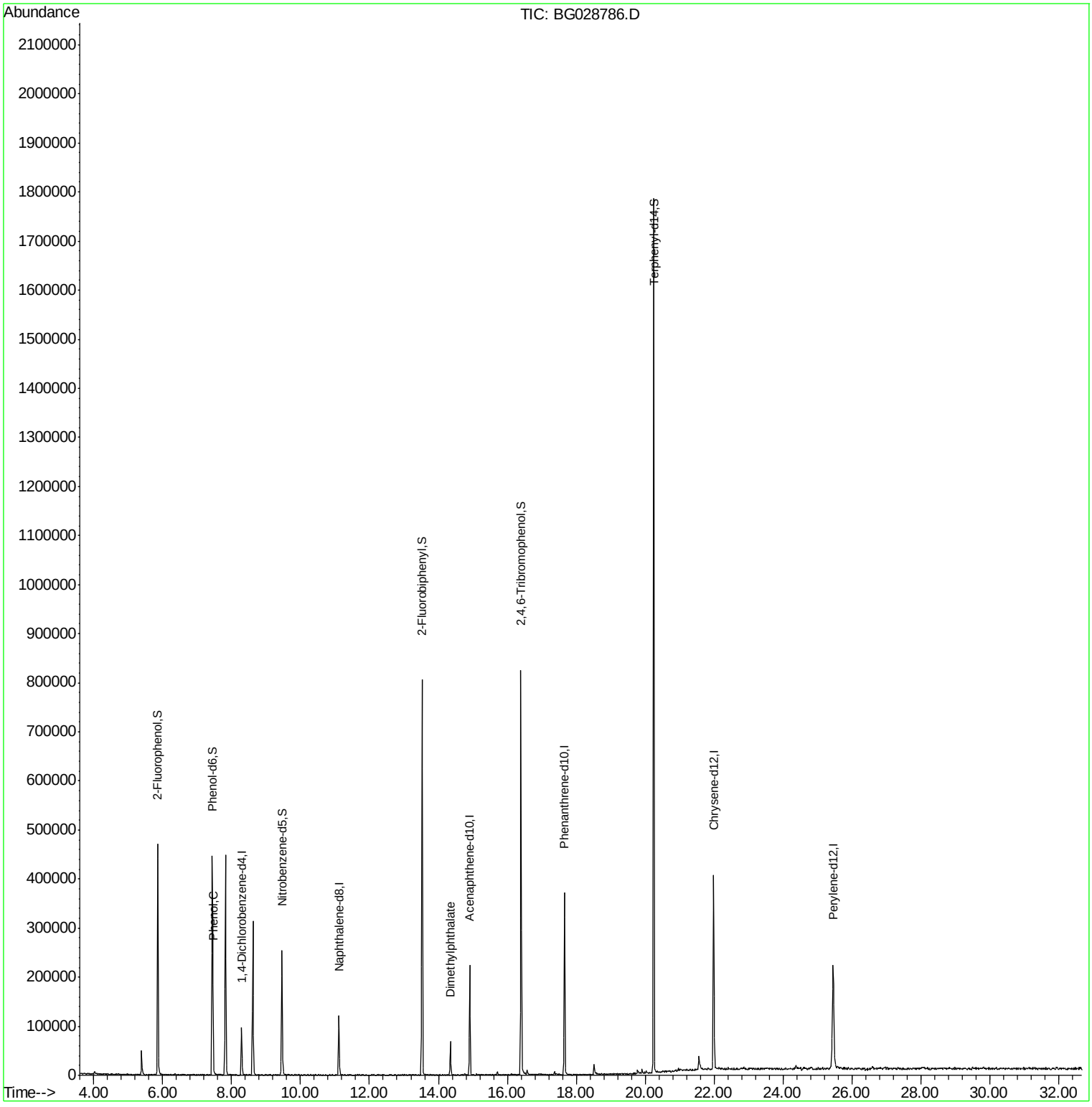
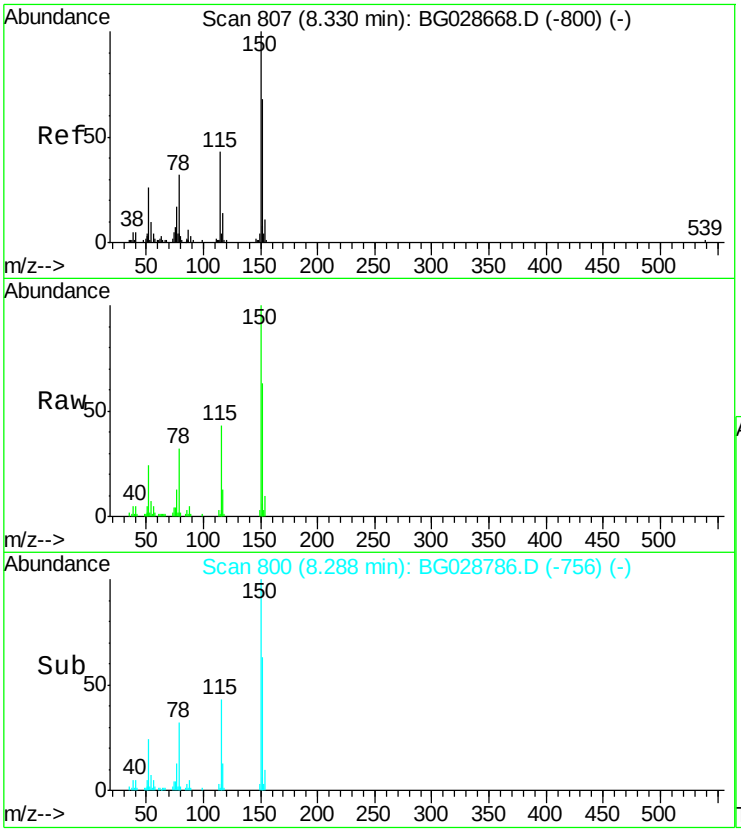


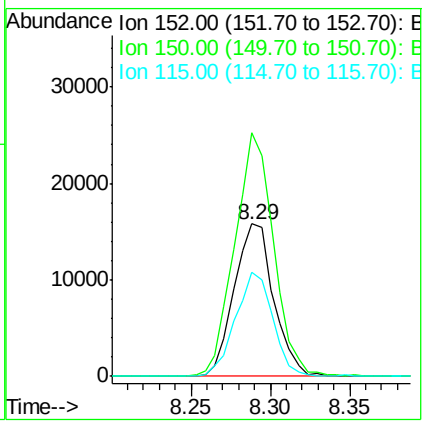


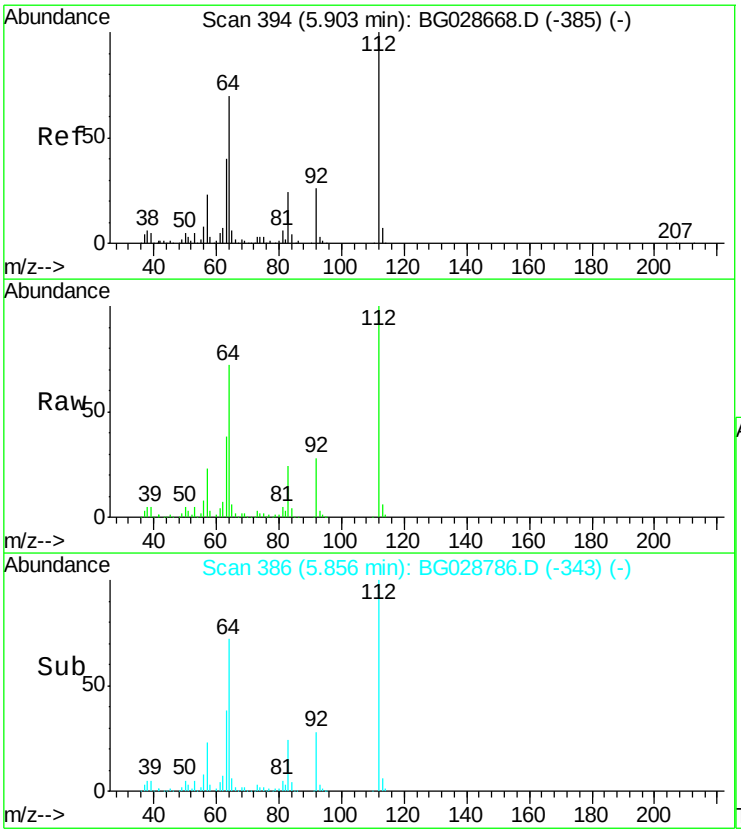
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.29 min Scan# 800
Delta R.T. -0.04 min
Lab File: BG028786.D
Acq: 16 Sep 2017 4:42

Instrument :
BNA_G
ClientSampleId :
20170602-COMP-C

Tgt Ion:152 Resp: 27335

Ion	Ratio	Lower	Upper
152	100		
150	159.7	114.0	171.0
115	68.0	48.1	72.1

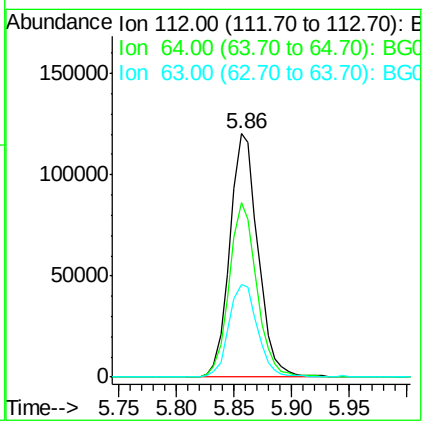


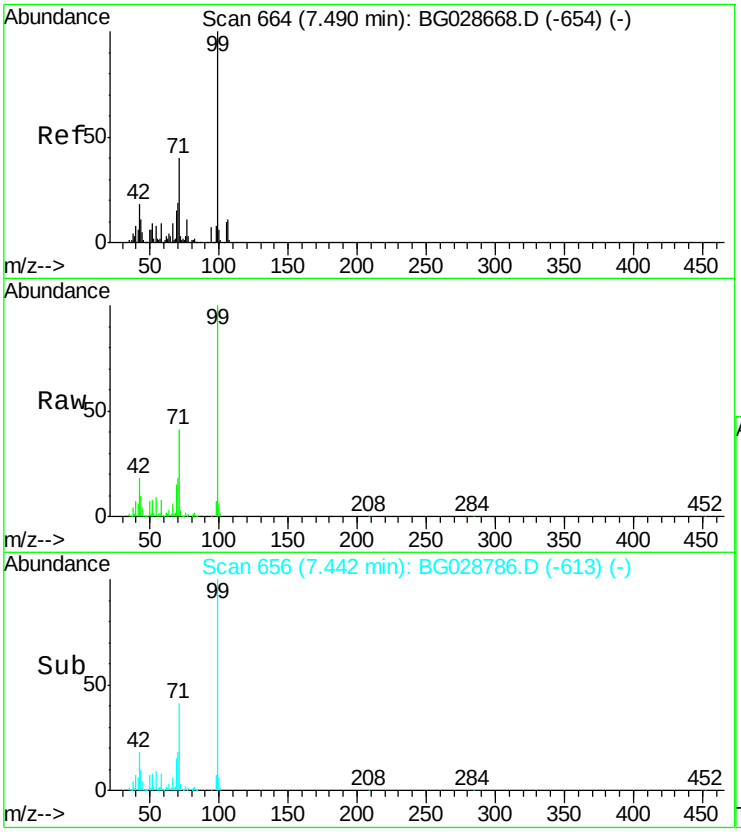


#5
2-Fluorophenol
Concen: 122.845 ng
RT: 5.86 min Scan# 386
Delta R.T. -0.05 min
Lab File: BG028786.D
Acq: 16 Sep 2017 4:42

Tgt Ion:112 Resp: 203507

Ion	Ratio	Lower	Upper
112	100		
64	71.9	61.8	92.6
63	38.2	37.2	55.8



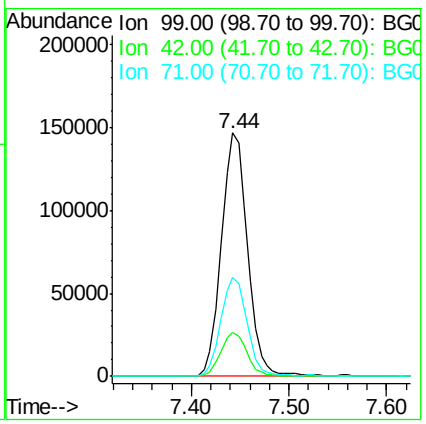


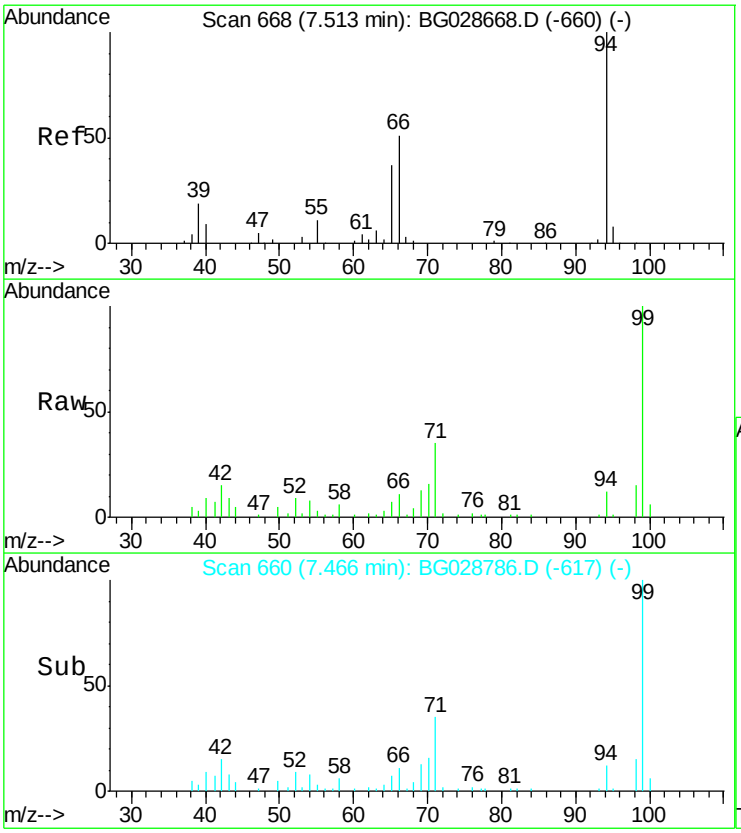
#7
Phenol-d6
Concen: 109.169 ng
RT: 7.44 min Scan# 656
Delta R.T. -0.05 min
Lab File: BG028786.D
Acq: 16 Sep 2017 4:42

Instrument :
BNA_G
ClientSampleId :
20170602-COMP-C

Tgt Ion: 99 Resp: 272294

Ion	Ratio	Lower	Upper
99	100		
42	18.2	20.5	30.7#
71	40.8	37.6	56.4

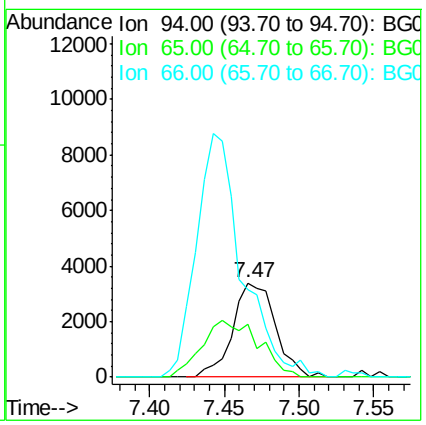


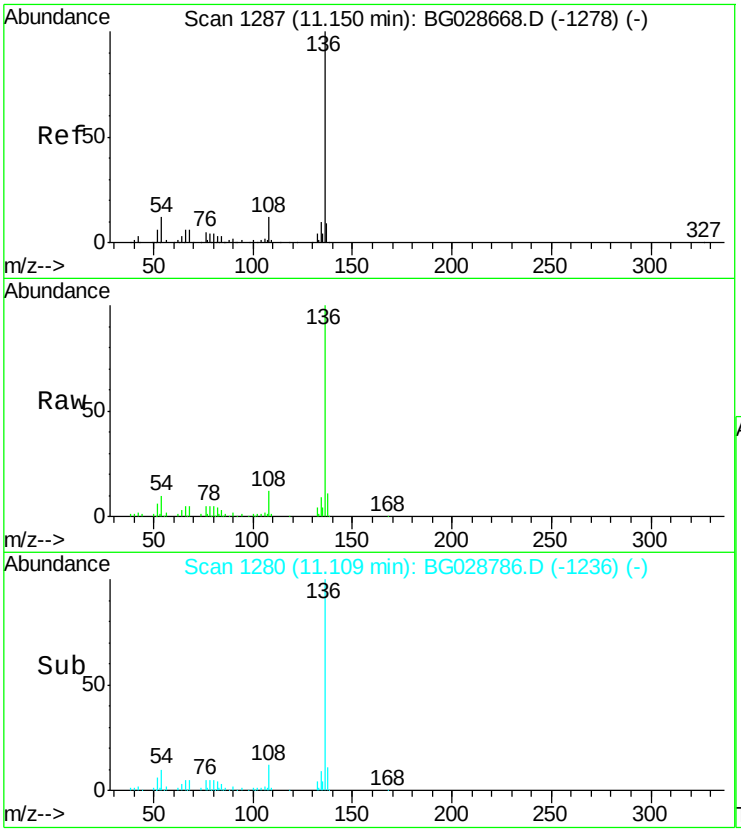


#10
Phenol
Concen: 2.565 ng
RT: 7.47 min Scan# 660
Delta R.T. -0.05 min
Lab File: BG028786.D
Acq: 16 Sep 2017 4:42

Tgt Ion: 94 Resp: 6751

Ion	Ratio	Lower	Upper
94	100		
65	56.5	20.6	60.6
66	93.4	35.5	75.5#



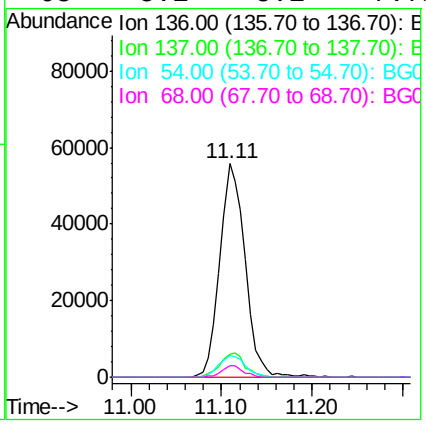


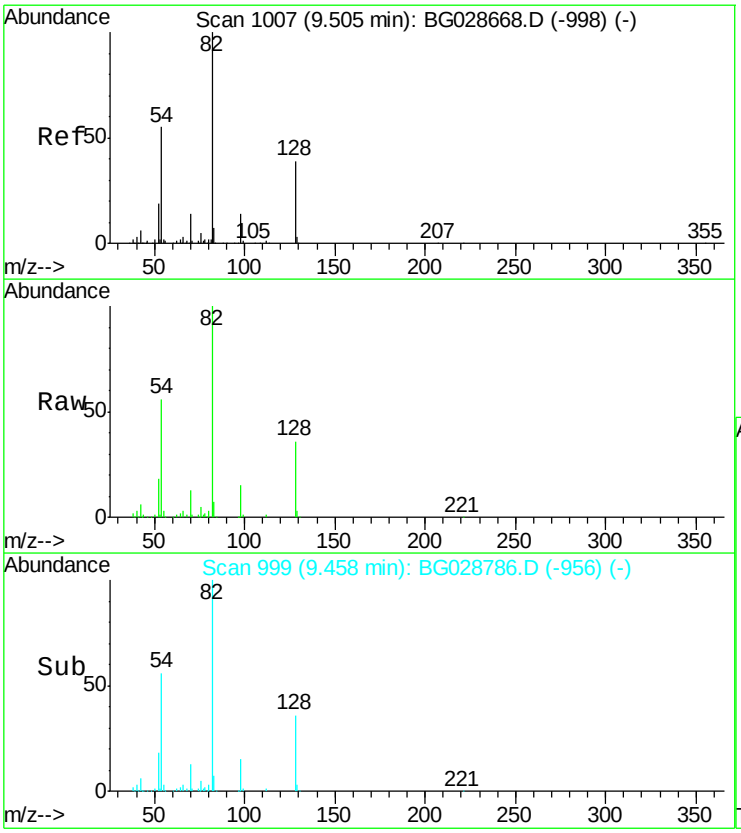
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.11 min Scan# 1280
Delta R.T. -0.04 min
Lab File: BG028786.D
Acq: 16 Sep 2017 4:42

Instrument :
BNA_G
ClientSampleId :
20170602-COMP-C

Tgt Ion:136 Resp: 107974

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	10.2	9.3	13.9
68	5.1	5.1	7.7#

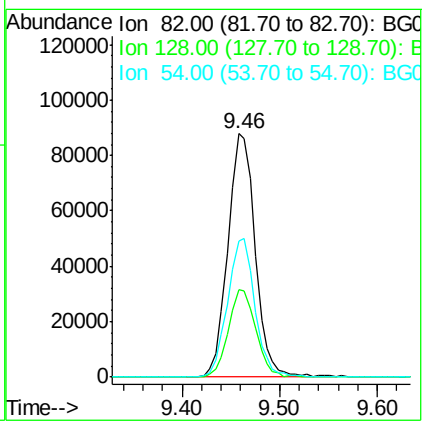


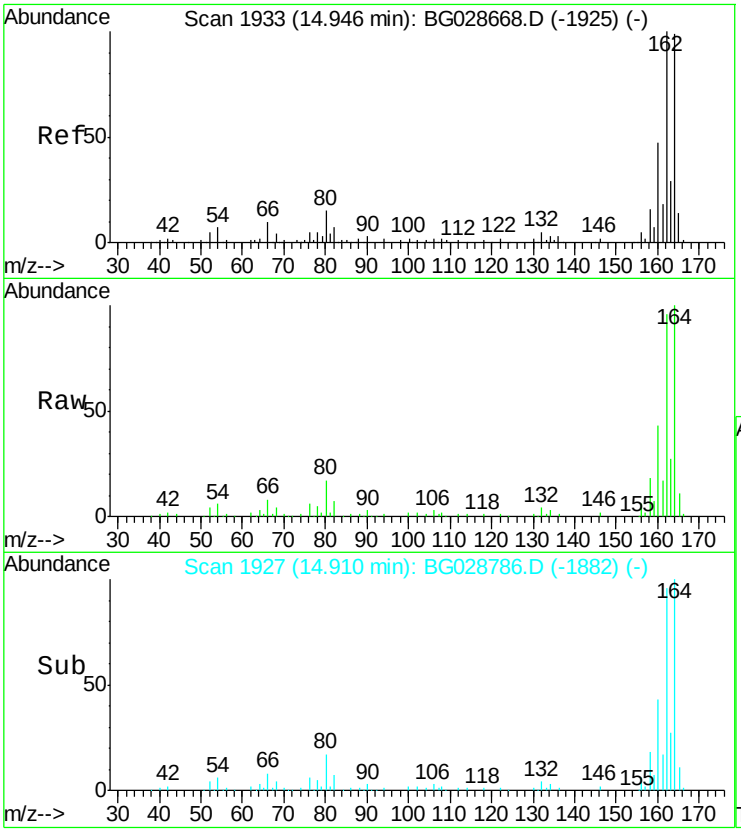


#23
Nitrobenzene-d5
Concen: 75.654 ng
RT: 9.46 min Scan# 999
Delta R.T. -0.05 min
Lab File: BG028786.D
Acq: 16 Sep 2017 4:42

Tgt Ion: 82 Resp: 170760

Ion	Ratio	Lower	Upper
82	100		
128	35.9	26.4	39.6
54	55.8	49.4	74.2



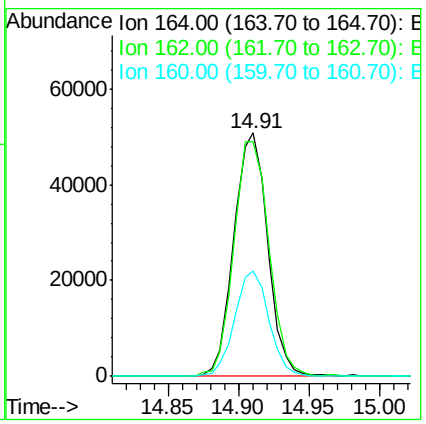


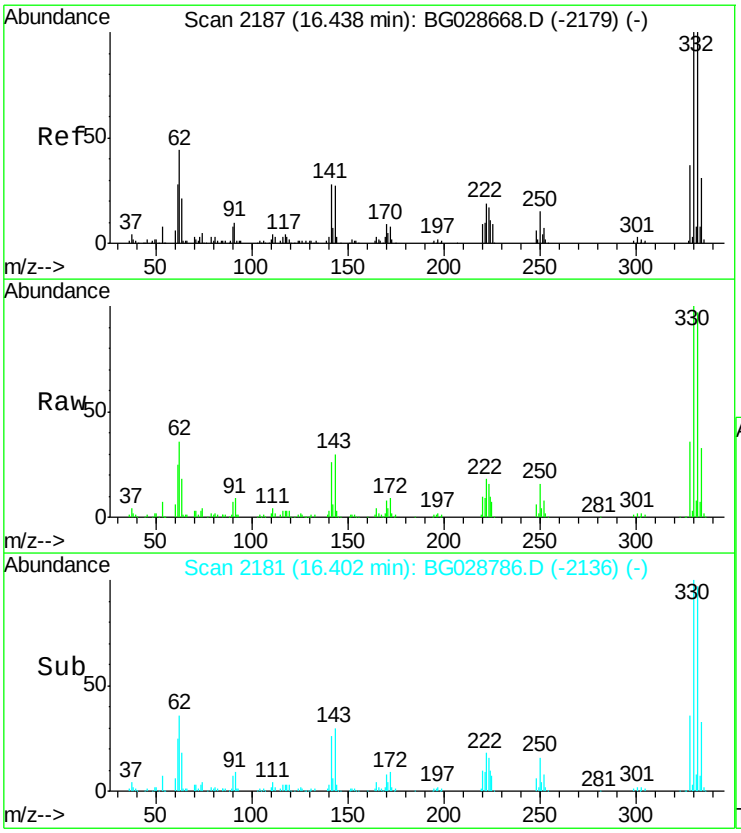
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.91 min Scan# 1927
Delta R.T. -0.04 min
Lab File: BG028786.D
Acq: 16 Sep 2017 4:42

Instrument :
BNA_G
ClientSampleId :
20170602-COMP-C

Tgt Ion:164 Resp: 84874

Ion	Ratio	Lower	Upper
164	100		
162	96.2	85.1	127.7
160	43.4	34.7	52.1

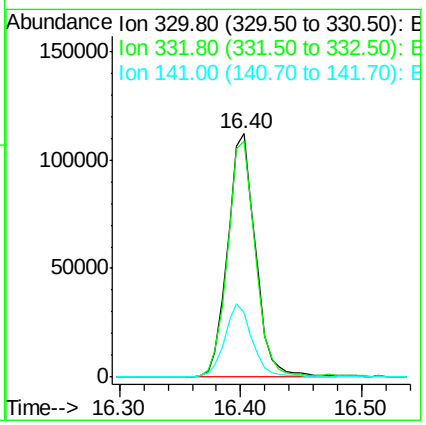


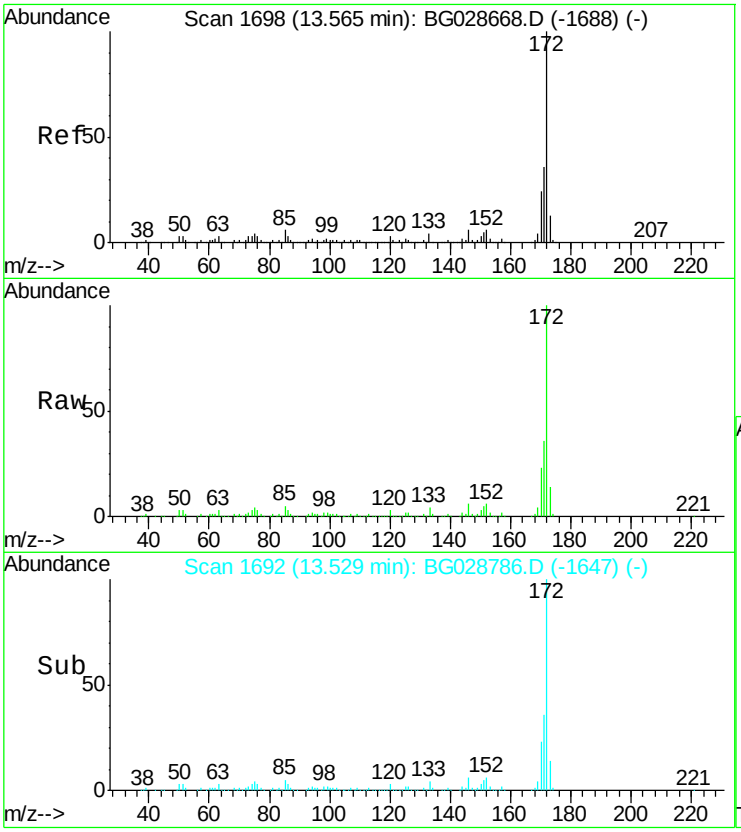


#41
2,4,6-Tribromophenol
Concen: 128.388 ng
RT: 16.40 min Scan# 2181
Delta R.T. -0.04 min
Lab File: BG028786.D
Acq: 16 Sep 2017 4:42

Tgt Ion:330 Resp: 180227

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.3	115.9
141	29.7	32.1	48.1#



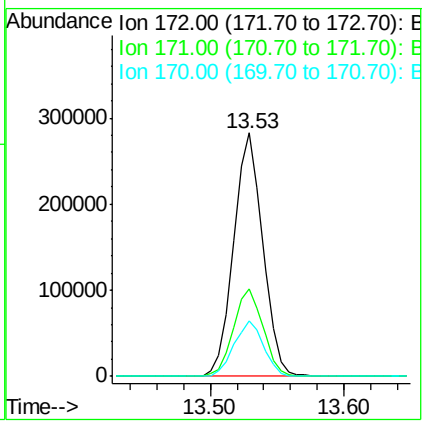


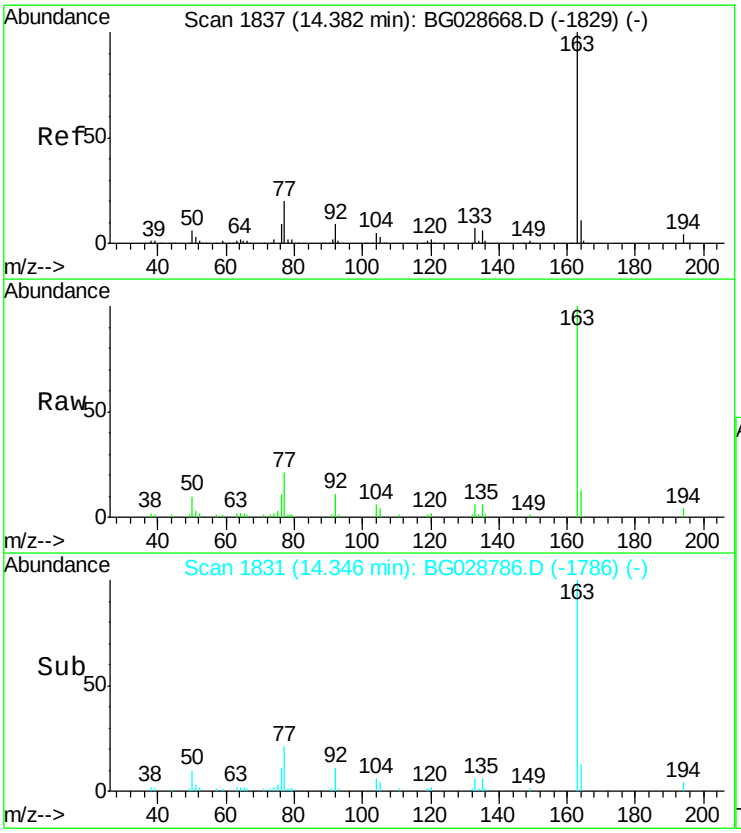
#44
2-Fluorobiphenyl
Concen: 67.220 ng
RT: 13.53 min Scan# 1692
Delta R.T. -0.04 min
Lab File: BG028786.D
Acq: 16 Sep 2017 4:42

Instrument :
BNA_G
ClientSampleId :
20170602-COMP-C

Tgt Ion:172 Resp: 427866

Ion	Ratio	Lower	Upper
172	100		
171	36.1	32.2	48.2
170	22.9	21.8	32.6

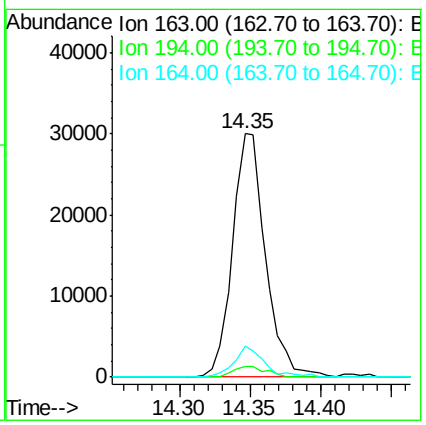


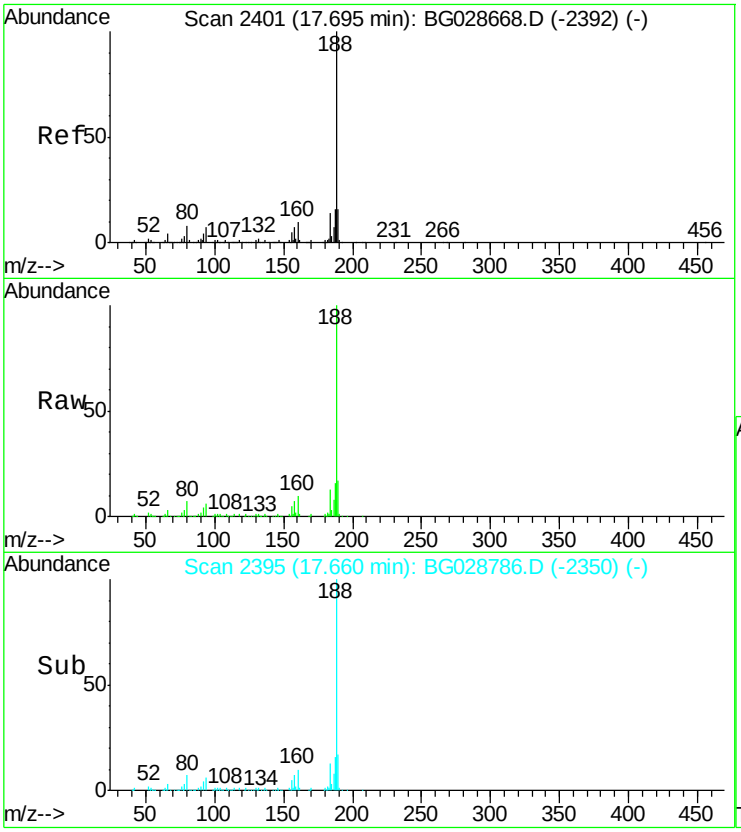


#49
Dimethylphthalate
Concen: 6.862 ng
RT: 14.35 min Scan# 1831
Delta R.T. -0.04 min
Lab File: BG028786.D
Acq: 16 Sep 2017 4:42

Tgt Ion:163 Resp: 48839

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.8	5.6
164	12.9	9.3	13.9



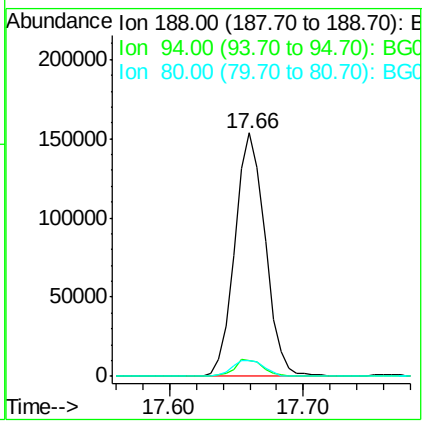


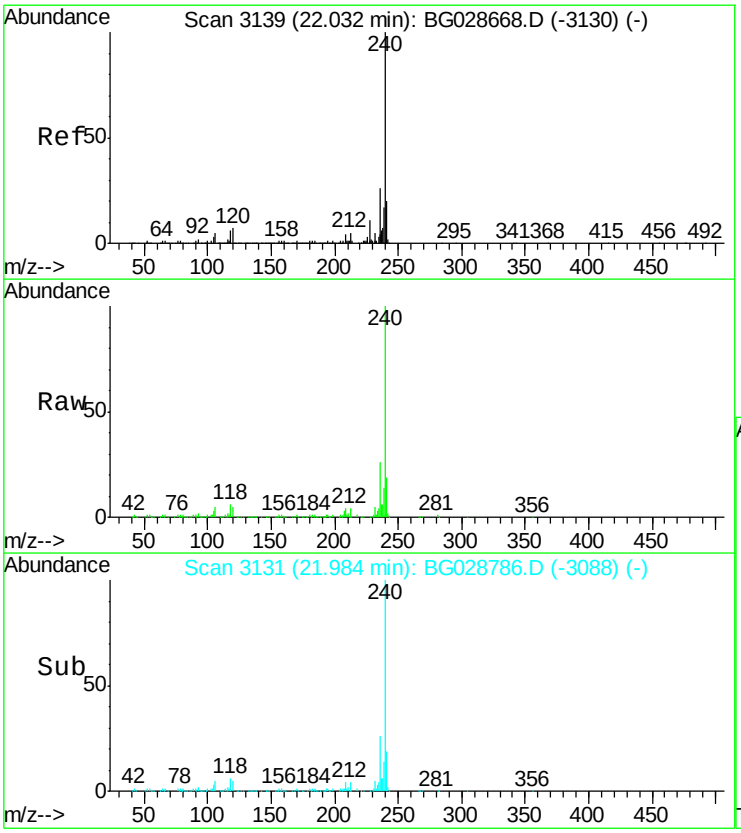
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.66 min Scan# 2395
Delta R.T. -0.04 min
Lab File: BG028786.D
Acq: 16 Sep 2017 4:42

Instrument :
BNA_G
ClientSampleId :
20170602-COMP-C

Tgt Ion:188 Resp: 242077

Ion	Ratio	Lower	Upper
188	100		
94	6.3	5.8	8.8
80	6.5	7.5	11.3#

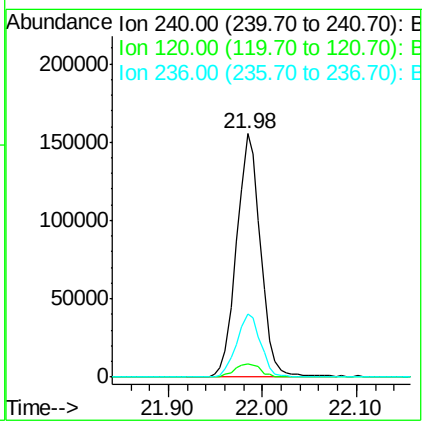


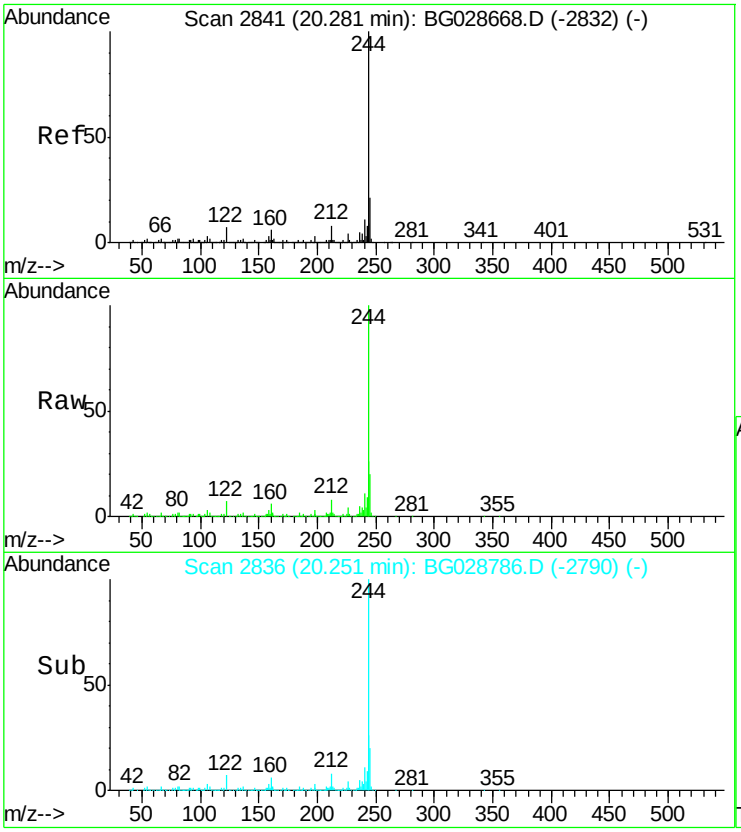


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.98 min Scan# 3131
Delta R.T. -0.05 min
Lab File: BG028786.D
Acq: 16 Sep 2017 4:42

Tgt Ion:240 Resp: 275360

Ion	Ratio	Lower	Upper
240	100		
120	5.2	5.7	8.5#
236	25.8	22.2	33.4



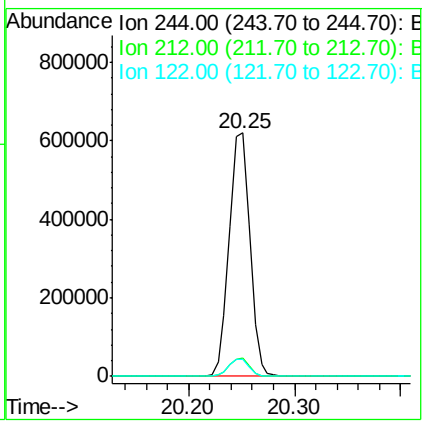


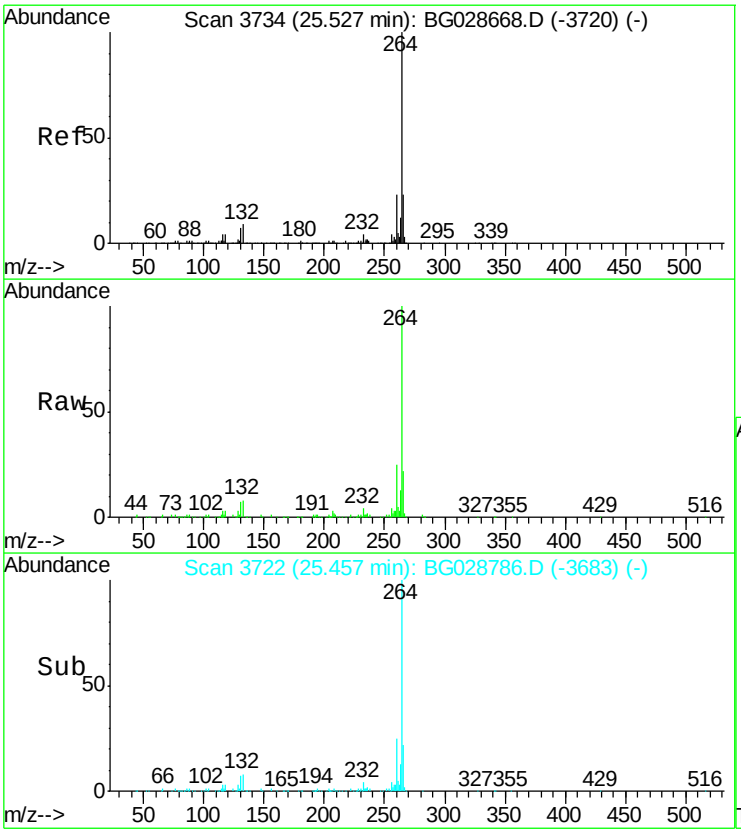
#78
Terphenyl-d14
Concen: 65.090 ng
RT: 20.25 min Scan# 2836
Delta R.T. -0.03 min
Lab File: BG028786.D
Acq: 16 Sep 2017 4:42

Instrument :
BNA_G
ClientSampleId :
20170602-COMP-C

Tgt Ion:244 Resp: 840447

Ion	Ratio	Lower	Upper
244	100		
212	7.5	10.0	15.0#
122	7.0	8.6	12.8#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.46 min Scan# 3722
Delta R.T. -0.07 min
Lab File: BG028786.D
Acq: 16 Sep 2017 4:42

Tgt Ion:264 Resp: 282165

Ion	Ratio	Lower	Upper
264	100		
260	24.8	21.8	32.8
265	22.3	18.2	27.4